

# Notice of Allowability

Application No.

10/077,080

Examiner

Tuan C To

Applicant(s)

CHEN ET AL.

Art Unit

3663

*Handwritten signature*

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 06/13/2004.
2. ☒ The allowed claim(s) is/are 1-13, 16 and 18-20.
3. ☒ The drawings filed on 03 January 2004 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

## Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

*Handwritten signature*  
THOMAS G. BLANK  
SUPERVISORY PATENT EXAMINER  
GROUP 3601

### **EXAMINER'S AMENDMENT**

An informal examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

In the specification, page 1, line 7, after "U.S. Patent", "\_\_\_\_(serial number 10/077,079)" has been deleted; same line after "U.S. Patent", "--application serial number 10/077,079--" has been inserted. On page 1, line 8, after "U. S. Patent", "\_\_\_\_(serial number 10/077,146)" has been deleted; same line after "U.S. Patent", "--application serial number 10/077,146--" has been inserted.

### **EXAMINER'S STATEMENT OF REASONS FOR ALLOWANCE**

This communication is an Examiner's reasons for allowance in response to application filed on 02/15/2002, assigned serial 10/077,080 and titled "Programmatically Computing Street Intersections Using Street Geometry."

The following is the Examiner's statement of reasons for the indication of allowable subject matter:

The prior art closest to the subject matter of claims 1, 12, 16, 18, and 20 is the reference of Nocek et al. (US 6587782), in which the geographic data base stores a plurality of subset data which could be the data of the first street, the other streets, and the intersections. The geographic database as said do not limit the data stored in the database for the first street, but the geographic database could stores the other streets data. According to Nocek et al. the intersection with its geographic location stored in the

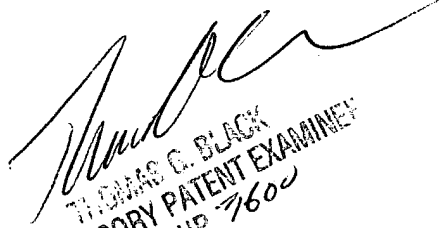
data based is determined plus the address of the first street can be found in the street data. In addition, the geographic data of road segment or intersections, which have been stored in the geographic database can be read and are available for user to use on their ways. It is found that Nocek et al. do not disclose the limitations as now claimed in the independent claims 1, 12, 16, 18, and 20. Thus, the final rejection has been withdrawn and it is set in a condition for allowance.

The prior art searching has been updated, however, none of the references or the combination has been found teaches or suggests such a system claimed by applicant. Therefore, the application is now patentable accordingly.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tuan C To whose telephone number is (703) 308-6273. The examiner can normally be reached on from 8:00AM to 5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomas Black can be reached on (703) 305-8233.

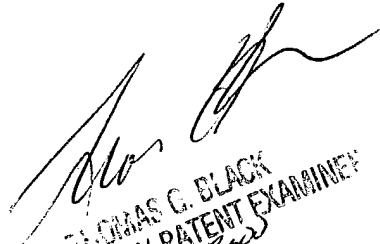
The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

  
THOMAS G. BLACK  
SUPERVISORY PATENT EXAMINER  
GROUP 7600

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/tc

June 21, 2004

  
THOMAS G. BLACK  
SUPERVISORY PATENT EXAMINER  
GROUP 3663